

Serial Number: 09/830,902

ENTERED

- ☐ Changed a file from non-ASCII to ASCII
- ☐ Changed the margins in cases where the sequence text was wrapped down to the next line.
- ☐ Edited a format error in the Current Application Data section, specifically: \_\_\_\_\_
- ☐ Edited the Current Application Data section with the actual current number. The number inputted by the applicant was ☐ the prior application data; or ☐ other: \_\_\_\_\_
- ☐ Added the mandatory heading and subheadings for "Current Application Data".
- ☐ Edited the "Number of Sequences" field. The applicant spelled out a number instead of using an integer.
- ☐ Changed the spelling of a mandatory field (the headings or subheadings), specifically: \_\_\_\_\_
- ☐ Corrected the SEQ ID NO when obviously incorrect. The sequence numbers that were edited were: \_\_\_\_\_
- ☐ Inserted or corrected a nucleic number at the end of a nucleic line. SEQ ID NO's edited: \_\_\_\_\_
- ☐ Corrected subheading placement. All responses must be on the same line as each subheading. If the applicant placed a response below the subheading, this was moved to its appropriate place.
- ☐ Inserted colons after headings/subheadings. Headings edited included: \_\_\_\_\_
- ☐ Deleted extra, invalid, headings used by an applicant, specifically: \_\_\_\_\_
- ☒ Deleted: ☐ non-ASCII "garbage" at the beginning/end of files; ☐ secretary initials/filename at end of file; ☐ page numbers throughout text; ☐ other invalid text, such as \_\_\_\_\_
- ☐ Inserted mandatory headings, specifically: \_\_\_\_\_
- ☐ Corrected an obvious error in the response, specifically: \_\_\_\_\_
- ☐ Edited identifiers where upper case is used but lower case is required, or vice versa.
- ☐ Corrected an error in the Number of Sequences field, specifically: \_\_\_\_\_
- ☐ A "Hard Page Break" code was inserted by the applicant. All occurrences had to be deleted.
- ☐ Deleted *ending* stop codon in amino acid sequences and adjusted the "(A)Length:" field accordingly (error due to a PatentIn bug). Sequences corrected: \_\_\_\_\_
- ☐ Other: \_\_\_\_\_

\*Examiner: The above corrections must be communicated to the applicant in the first Office Action. DO NOT send a copy of this form.

10 Rev 6 PCT 02 MAY 2001

**RAW SEQUENCE LISTING**

PATENT APPLICATION: US/09/830,902

DATE: 06/05/2001

TIME: 18:45:06

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Output Set: C:\CRF3\06052001\I830902.raw

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3      Hazan, Jamil
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9 <130> FILE REFERENCE: R-341894
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C--> 11 <141> CURRENT FILING DATE: 2001-05-02
11 <150> PRIOR APPLICATION NUMBER: FR 99 11097
12 <151> PRIOR FILING DATE: 1999-09-03
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## RAW SEQUENCE LISTING

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**VERIFICATION SUMMARY**

PATENT APPLICATION: US/09/830,902

DATE: 06/05/2001

TIME: 18:45:07

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L:11 M:271 C: Current Filing Date differs, Replaced Current Filing Date

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TIME: 18:42:31

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*Does Not Comply  
Corrected Diskette Needed*

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 3 Hazan, Jamil  
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 6 GENE RESPONSIBLE FOR THE MOST COMMON FORM OF AUTOSOMAL  
 7 DOMINANT SPASTIC PARAPLEGIA  
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 15 <151> PRIOR FILING DATE: 2000-09-04  
 17 <160> NUMBER OF SEQ ID NOS: 107  
 19 <170> SOFTWARE: PatentIn Vers. 2.0

## ERRORED SEQUENCES

5429 <210> SEQ ID NO: 107  
 5430 <211> LENGTH: 614  
 5431 <212> TYPE: PRT  
 5432 <213> ORGANISM: Mus musculus  
 5434 <220> FEATURE:  
 5435 <223> OTHER INFORMATION: Complete murine spastin  
 5437 <400> SEQUENCE: 107  
 5438 Met Ser Ser Pro Ala Gly Arg Arg Lys Lys Lys Gly Ser Gly Gly Ala  
 5439 1 5 10 15  
 5441 Ser Pro Ala Pro Ala Arg Pro Pro Pro Pro Ala Ala Val Pro Ala Pro  
 5442 20 25 30  
 5444 Ala Ala Gly Pro Ala Pro Ala Ala Gly Ser Pro Pro Lys Arg Asn Leu  
 5445 35 40 45  
 5447 Ser Ser Phe Ser Ser Pro Leu Val Val Gly Phe Ala Leu Leu Arg Leu  
 5448 50 55 60  
 5450 Leu Ala Cys His Leu Gly Leu Leu Phe Ala Trp Leu Cys Gln Arg Phe  
 5451 65 70 75 80  
 5453 Ser Arg Ala Leu Met Ala Ala Lys Arg Ser Ser Gly Thr Ala Pro Ala  
 5454 85 90 95  
 5456 Pro Ala Ser Pro Ser Pro Pro Ala Pro Gly Pro Gly Gly Glu Ala Glu  
 5457 100 105 110  
 5459 Ser Val Arg Val Phe His Lys Gln Ala Phe Glu Tyr Ile Ser Ile Ala  
 5460 115 120 125  
 5462 Leu Arg Ile Asp Glu Glu Glu Lys Ala Gly Gln Lys Glu Gln Ala Val  
 5463 130 135 140  
 5465 Glu Trp Tyr Lys Lys Gly Ile Glu Glu Leu Glu Lys Gly Ile Ala Val  
 5466 145 150 155 160  
 5468 Ile Val Thr Gly Gln Gly Glu Gln Tyr Glu Arg Ala Arg Arg Leu Gln  
 5469 165 170 175

## RAW SEQUENCE LISTING

DATE: 06/05/2001

PATENT APPLICATION: US/09/830,902

TIME: 18:42:32

Input Set : A:\Des.txt

Output Set: C:\CRF3\06052001\I830902.raw

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5474 Leu Glu Lys Leu Gln Pro Val Leu Gln Phe Ser Lys Ser Gln Thr Asp
5475                195                200                205
5477 Val Tyr Asn Glu Ser Thr Asn Leu Thr Cys Arg Asn Gly His Leu Gln
5478                210                215                220
5480 Ser Glu Ser Gly Ala Val Pro Lys Arg Lys Asp Pro Leu Thr His Ala
5481 225                230                235                240
5483 Ser Asn Ser Leu Pro Arg Ser Lys Thr Val Leu Lys Ser Gly Ser Ala
5484                245                250                255
5486 Gly Leu Ser Gly His His Arg Ala Pro Ser Cys Ser Gly Leu Ser Met
5487                260                265                270
5489 Val Ser Gly Ala Arg Pro Gly Pro Gly Pro Ala Ala Thr Thr His Lys
5490                275                280                285
5492 Gly Thr Pro Lys Pro Asn Arg Thr Asn Lys Pro Ser Thr Pro Thr Thr
5493                290                295                300
5495 Ala Val Arg Lys Lys Lys Asp Leu Lys Asn Phe Arg Asn Val Asp Ser
5496 305                310                315                320
5498 Asn Leu Ala Asn Leu Ile Met Asn Glu Ile Val Asp Asn Gly Thr Ala
5499                325                330                335
5501 Val Lys Phe Asp Asp Ile Ala Gly Gln Glu Leu Ala Lys Gln Ala Leu
5502                340                345                350
5504 Gln Glu Ile Val Ile Leu Pro Ser Leu Arg Pro Glu Leu Phe Thr Gly
5505                355                360                365
5507 Leu Arg Ala Pro Ala Arg Gly Leu Leu Leu Phe Gly Pro Pro Gly Asn
5508                370                375                380
5510 Gly Lys Thr Met Leu Ala Lys Ala Val Ala Ala Glu Ser Asn Ala Thr
5511 385                390                395                400
5513 Phe Phe Asn Ile Ser Ala Ala Ser Leu Thr Ser Lys Tyr Val Gly Glu
5514                405                410                415
5516 Gly Glu Lys Leu Val Arg Ala Leu Phe Ala Val Ala Arg Glu Leu Gln
5517                420                425                430
5519 Pro Ser Ile Ile Phe Ile Asp Glu Val Asp Ser Leu Leu Cys Glu Arg
5520                435                440                445
5522 Arg Glu Gly Glu His Asp Ala Ser Arg Arg Leu Lys Thr Glu Phe Leu
5523                450                455                460
5525 Ile Glu Phe Asp Gly Val Gln Ser Ala Gly Asp Asp Arg Val Leu Val
5526 465                470                475                480
5528 Met Gly Ala Thr Asn Arg Pro Gln Glu Leu Asp Glu Ala Val Leu Arg
5529                485                490                495
5531 Arg Phe Ile Lys Arg Val Tyr Val Ser Leu Pro Asn Glu Glu Thr Arg
5532                500                505                510
5534 Leu Leu Leu Leu Lys Asn Leu Leu Cys Lys Gln Gly Ser Pro Leu Thr
5535                515                520                525
5537 Gln Lys Glu Leu Ala Gln Leu Ala Arg Met Thr Asp Gly Tyr Ser Gly
5538                530                535                540
5540 Ser Asp Leu Thr Ala Leu Ala Lys Asp Ala Ala Leu Gly Pro Ile Arg
5541 545                550                555                560
5543 Glu Leu Lys Pro Glu Gln Val Lys Asn Met Ser Ala Ser Glu Met Arg

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## RAW SEQUENCE LISTING

PATENT APPLICATION: US/09/830,902

DATE: 06/05/2001

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5547                    580                    585                    590  
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5550                    595                    600                    605  
5552 Phe Gly Asp Thr Thr Val  
5553                    610  
5558                    PAGE 9  
E--> 5560              93

**VERIFICATION SUMMARY**

PATENT APPLICATION: US/09/830,902

DATE: 06/05/2001

TIME: 18:42:33

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Output Set: C:\CRF3\06052001\I830902.raw

L:11 M:270 C: Current Application Number differs, Replaced Current Application No

L:11 M:271 C: Current Filing Date differs, Replaced Current Filing Date

L:5560 M:332 E: (32) Invalid/Missing Amino Acid Numbering, SEQ ID:107